To: Jones, Ricardo[Jones.Ricardo@epa.gov]

Cc: jamin.huang@bayer.com[jamin.huang@bayer.com]

From: Shen, Sue

Sent: Mon 5/16/2016 3:08:43 PM

Subject: FW: Feedback to Clothianidin colony feeding study question- Supers addition



Ricardo: Please see the response on the "digital photo". Thanks

Sue

From: Allen Olmstead [mailto:allen.olmstead@bayer.com]

Sent: Monday, May 16, 2016 10:05 AM

To: Shen, Sue

Subject: RE: Feedback to Clothianidin colony feeding study question- Supers addition

Sue,

The short answer is that none of the data in the final report is digital CCA data. It is all visual observation data.

However, at CCA1, on May 20th, 20 hives were assessed digitally. These were divided into two groups of ten each.

One group was only assessed by digital photography. These hives had dead bee traps associated with them so that they could be compared to hives for which visual observations were done. None of these hives were used as study hives since there was no visual observations performed on these hives. Rather they were used in the pool of potential hives for use as monitoring hives.

The second group of hives were assessed by digital photography and three visual observers on the same day. These were done to compare the visual observers to each other and to the output of the digital photography. Of these hives, five were used as study hives (J3, J7, K1, K4, L6). The CCA1 data in the report originate from the visual observation data.

Allen
From: Shen, Sue [mailto:Sue.Shen@valent.com] Sent: Friday, May 13, 2016 7:05 AM To: Allen Olmstead Subject: FW: Feedback to Clothianidin colony feeding study question- Supers addition
Hi, Allen : Have you had a chance to look for the digital photo yet?
Sue
From: Allen Olmstead [mailto:allen.olmstead@bayer.com] Sent: Friday, May 06, 2016 7:51 AM To: Shen, Sue Cc: Jamin Huang; Hinarejos, Silvia; David Fischer Subject: RE: Feedback to Clothianidin colony feeding study question- Supers addition
Sue,
Regarding the three identified issues with the number of supers, the Agency is correct in their interpretation. The supers were removed during the CCAs at those times.
For the digital photography question, I will need to look at the study files.

Allen

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